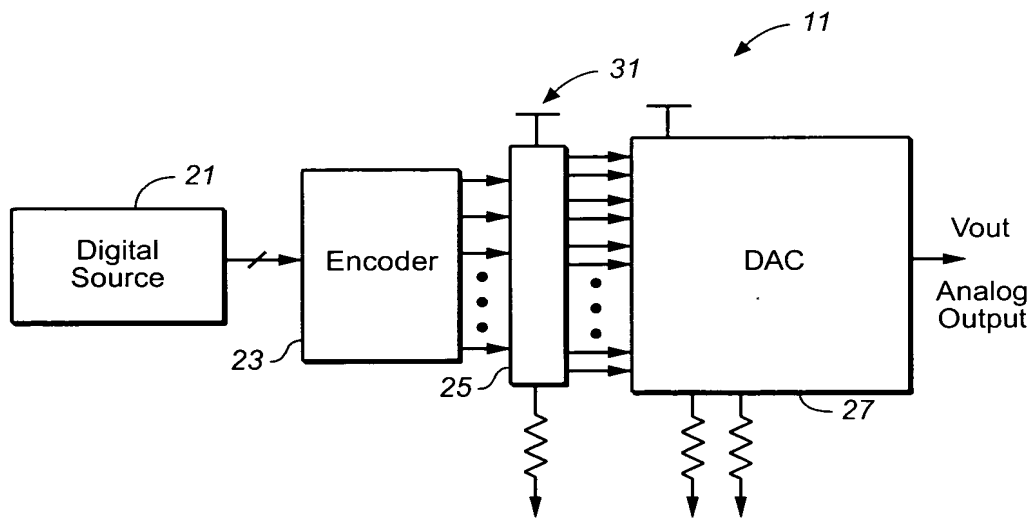
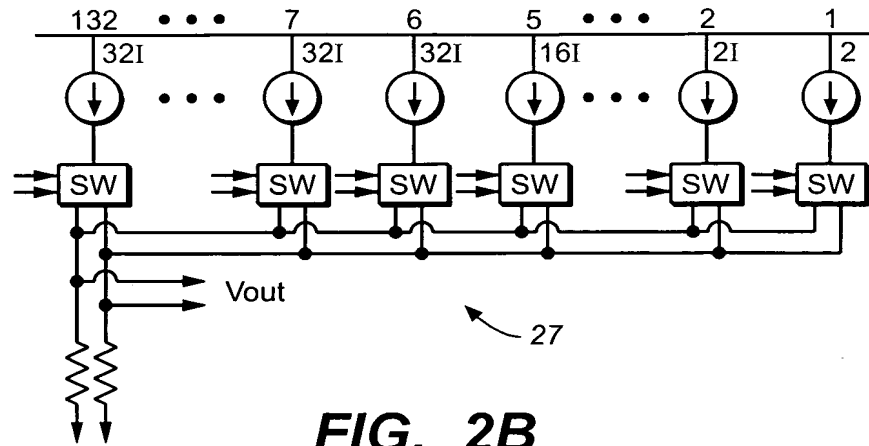
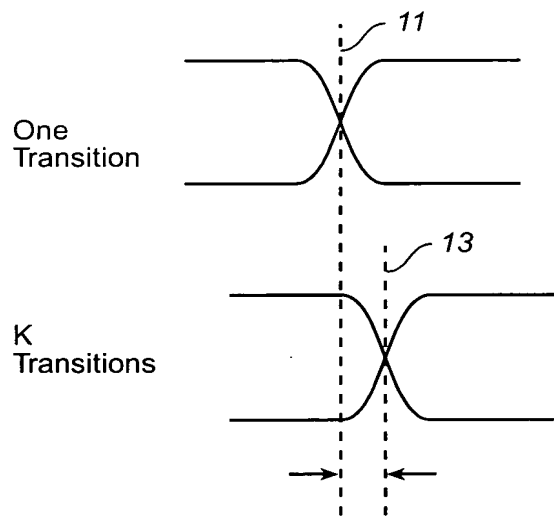
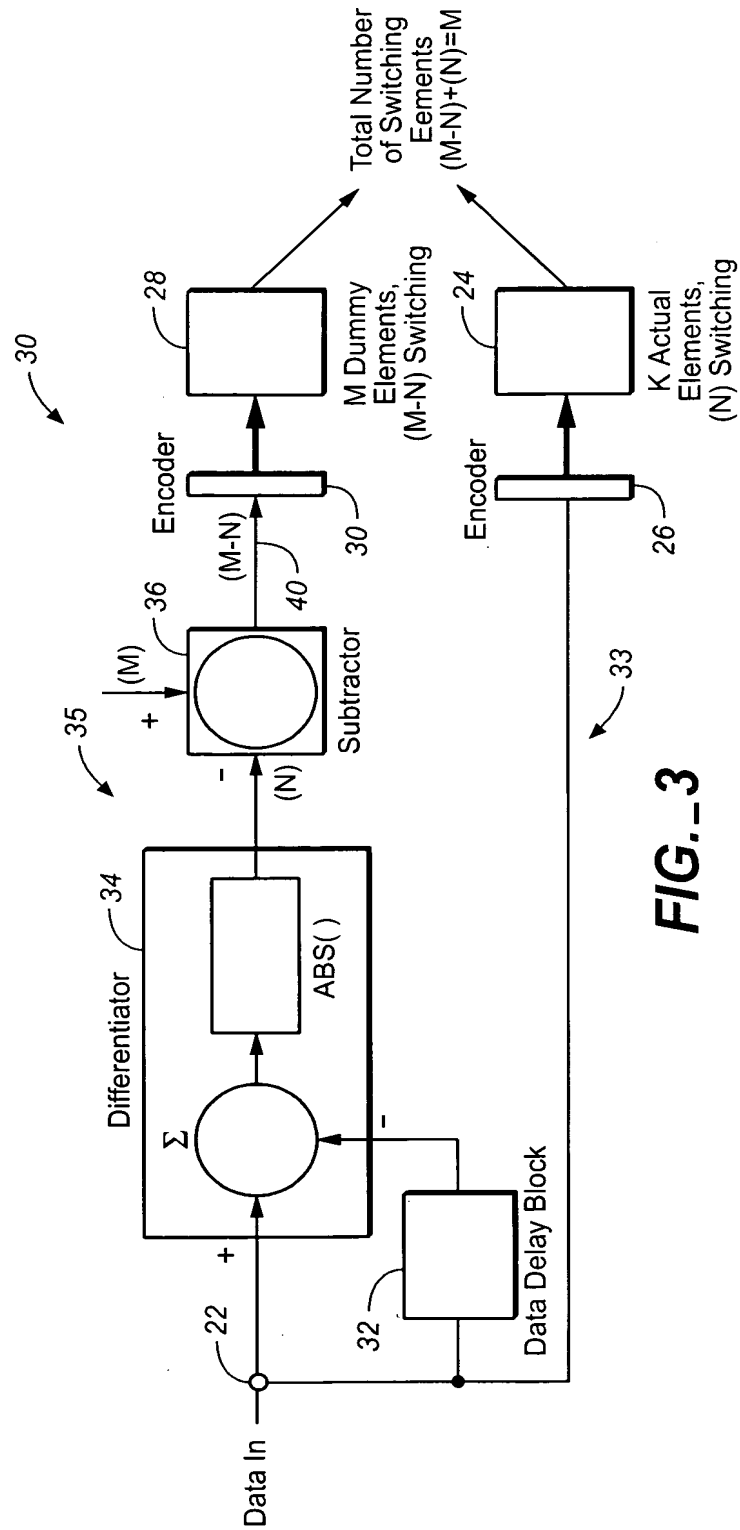
**FIG. 1** (PRIOR ART)**FIG. 2A**

**FIG. 2B****FIG. 2C**

**FIG. 3**

DAC Example 1 (7-bit Thermometer Encoded, 5-bit Binary Encoded), K=132**FIG._4**

Signal Frequency (MHz)	Number of Transitions/Switching (N)
0.5	6
1	8
2	10
3	13
4	15
5	17
6	21
7	23
8	26
9	28
10	31

DAC Example 2 (10-bit Thermometer Encoded, 2-bit Binary Encoded), K=1025**FIG._5**

Signal Frequency (MHz)	Number of Transitions/Switching (N)
0.5	14
1	24
2	45
3	66
4	88
5	108
6	130
7	152
8	173
9	193
10	214

DAC Example 3 (2-bit Thermometer Encoded, 10-bit Binary Encoded), K=13**FIG._6**

Signal Frequency (MHz)	Number of Transitions/Switching (N)
0.5	9
1	10
2	10
3	11
4	10
5	9
6	10
7	10
8	9
9	10
10	10

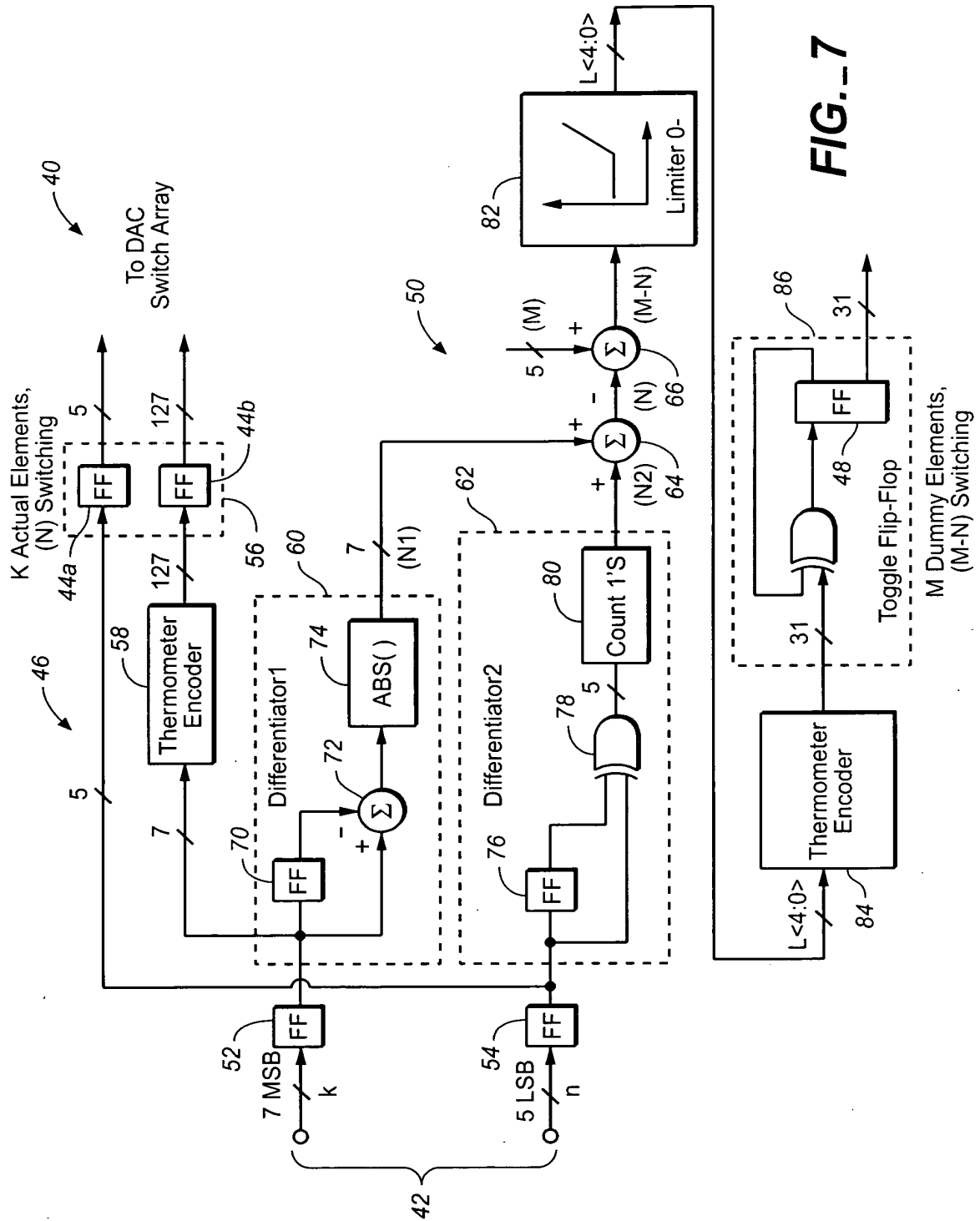
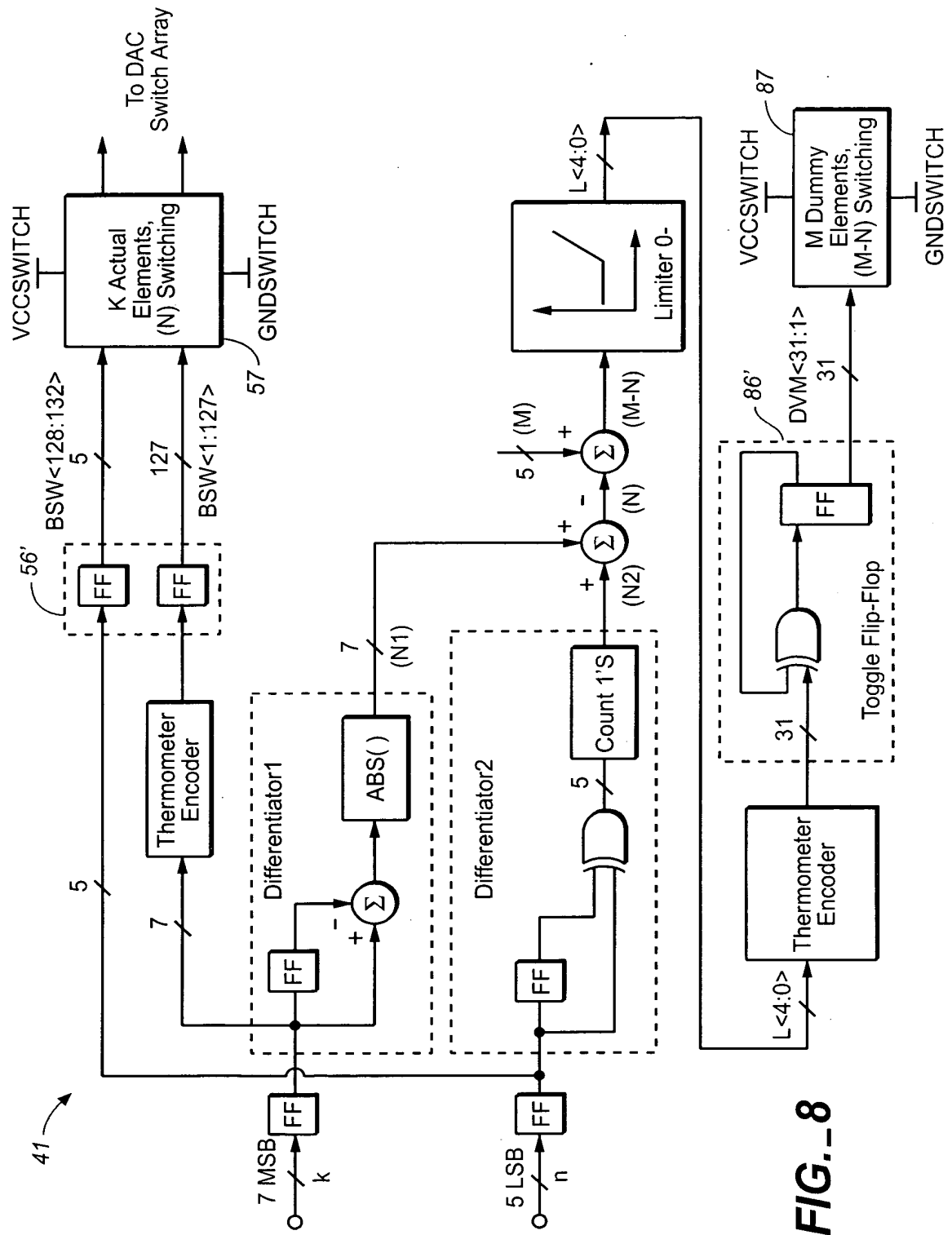
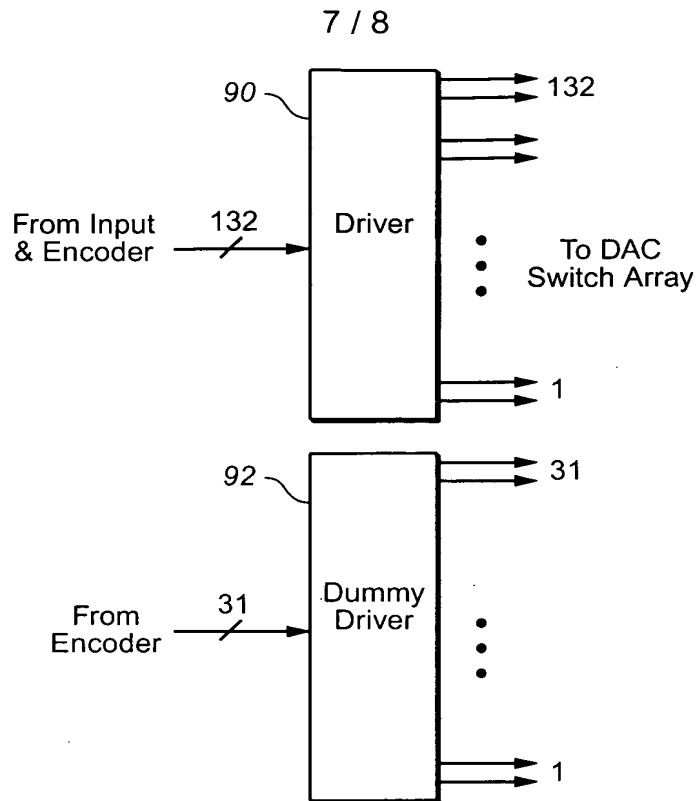
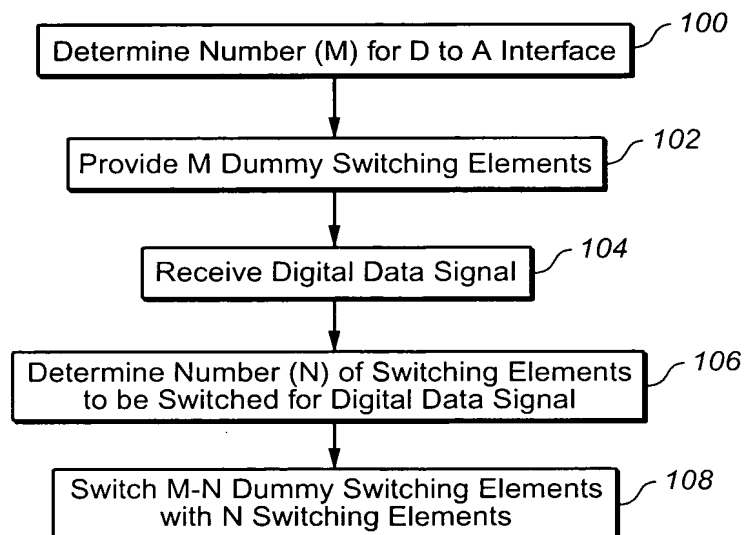
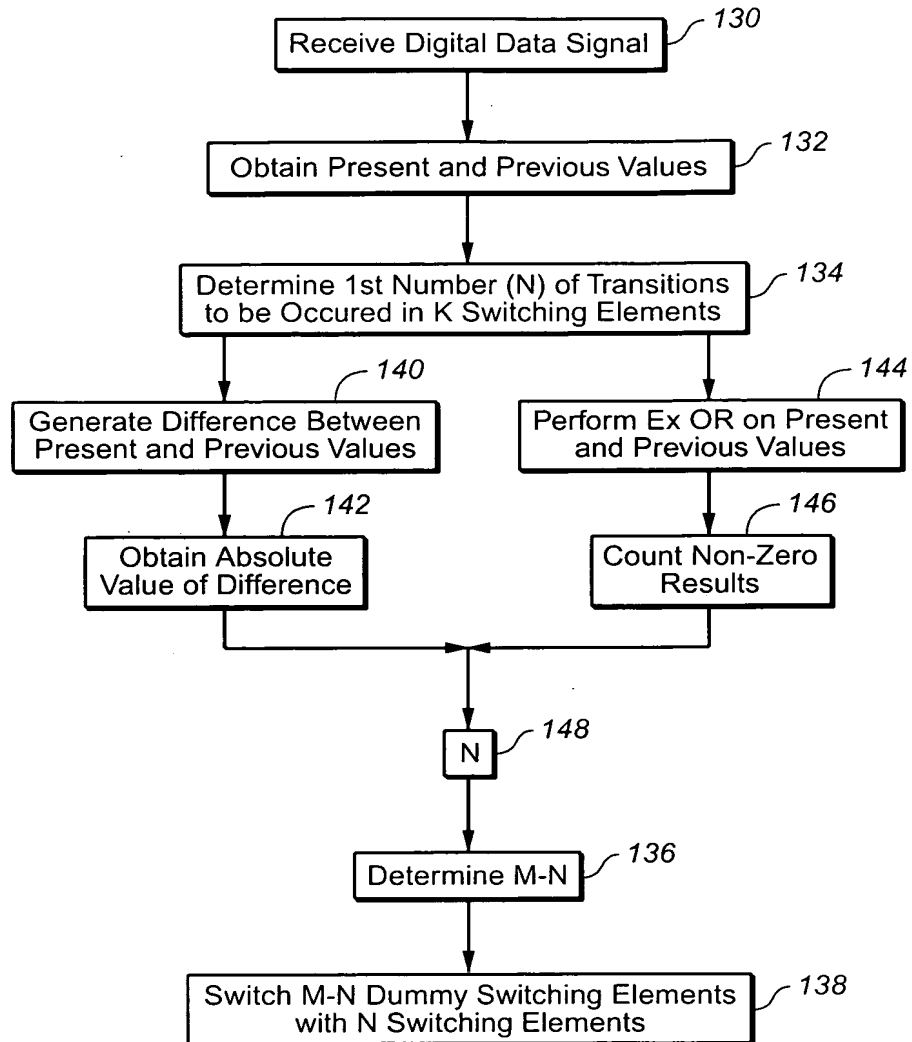


FIG. 7



**FIG._9****FIG._10**

**FIG. 11**